

Remarks

Claims 17-30, 47, 51-53, 55-56, 58-59, and 61-63 were rejected as unpatentable over JEYARAMAN 6,377,957 in view of BENSON et al. 6,202,085. Reconsideration and withdrawal of the rejection are respectfully requested.

Neither JEYARAMAN nor BENSON et al. discloses that an update object is a minimum element of the structured document, the document being composed of a plurality of the elements. In contrast to what is disclosed in each of these references, the present invention allows the simple substitution of data that reduces the processing required.

In JEYARAMAN (column 2, lines 14-15, column 5, lines 55-62), an update is constructed by combining update data and operation instructions (e.g., insert, delete, move, etc.) so that a more complex operation is required, such as reconstructing the structured document. BENSON et al. do not make up for this shortcoming and thus the claims avoid the rejection under §103.

The dependent claims are allowable for similar reasons.

Claims 30 and 59 are allowable for the further reason that the references do not disclose that the gateway server includes storage in which a duplicate of the structured document in the client device is stored and an update controller that transmits the update based on the update time. This feature is missing from both documents and thus would not be obvious to one of skill in the art. The Official Action points to column 12, lines 52-67

of JEYARAMAN for this feature of claim 30, but this section does not indicate that a duplicate of the structured document is kept in a gateway server. Indeed, in JEYARAMAN, the client makes the determination and sends the update request, with the server merely determining if the update is the latest one. In addition, in both references, it is assumed that the client contains a copy of the data for update and every time an update occurs the update data is sent to the client.

Accordingly, claims 30 and 59 avoid the rejection for these further reasons.

In view of the foregoing remarks, it is believed that the present application is in condition for allowance. Reconsideration and allowance are respectfully requested.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

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